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**IDF  
132**

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## **Milk — Estimation of psychrotrophic microorganisms — Colony-count technique at 21 °C (Rapid method)**

*Lait — Estimation des micro-organismes psychrotrophes — Technique par comptage des colonies à 21 °C (Méthode rapide)*



Reference numbers  
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## Foreword

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The main task of technical committees is to prepare International Standards. 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 document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 8552|IDF 132 was prepared by Technical Committee ISO/TC 34, *Food products*, Subcommittee SC 5, *Milk and milk products*, and the International Dairy Federation (IDF), in collaboration with AOAC International. It is being published jointly by ISO and IDF and separately by AOAC International.

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**IDF (the International Dairy Federation)** is a worldwide federation of the dairy sector with a National Committee in every member country. Every National Committee has the right to be represented on the IDF Standing Committees carrying out the technical work. IDF collaborates with ISO and AOAC International in the development of standard methods of analysis and sampling for milk and milk products.

Draft International Standards adopted by the Action Teams and Standing Committees are circulated to the National Committees for voting. Publication as an International Standard requires approval by at least 50 % of IDF National Committees casting a vote.

ISO 8552|IDF 132 was prepared by Technical Committee ISO/TC 34, *Food products*, Subcommittee SC 5, *Milk and milk products*, and the International Dairy Federation (IDF), in collaboration with AOAC International. It is being published jointly by ISO and IDF and separately by AOAC International.

All work was carried out by the Joint ISO/IDF/AOAC Action Team on *Microbiological harmonization*, of the Standing Committee on *Microbiological methods of analysis*, under the aegis of its project leader, Dr J. Floor (ZA).

This first edition of ISO 8552|IDF 132 cancels and replaces the first edition of IDF 132A:1991, which has been editorially and technically revised.

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## Introduction

The rapid method described in this International Standard is essentially an approximate method because the incubation conditions are such as to permit organisms other than psychrotrophs to be counted if they grow sufficiently quickly at 21 °C.

Nevertheless, comparative trials in a number of laboratories have shown that the results obtained by the method described here (based on that of Reference [1]) correlate well with those obtained by the method described in ISO 6730|IDF 101 (with incubation at 6,5 °C for 10 days). The latter method (which will be replaced by the horizontal method ISO 17410) should be used if a more accurate enumeration of psychrotrophic microorganisms is required.