

Australian Standard™

**Milk and milk products—Guidance on
sampling**

This Australian Standard was prepared by Committee FT-016, Sampling Dairy Products. It was approved on behalf of the Council of Standards Australia on 8 April 2004 and published on 4 June 2004.

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Australian Chamber of Commerce and Industry
Dairy Food Safety Victoria
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**Milk and milk products—Guidance on
sampling**

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PREFACE

This Standard was prepared by the Standards Australia Committee FT-016, Sampling Dairy Products, to supersede AS 1166—1992, *Milk and milk products—Methods of sampling*, which was an identical adoption of ISO 707:1985.

This Standard is identical to and reproduced from ISO 707:1997, *Milk and milk products—Guidance on sampling*.

The objective of this revision is to adopt the revision of ISO 707:1985.

As this Standard is reproduced from an International Standard, the following applies:

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The normative references in Clause 2 have not been adopted as Australian or Australian/New Zealand Standards.

The terms 'normative' and 'informative' have been used in this Standard to define the application of the annex to which they apply. A 'normative' annex is an integral part of a Standard, whereas an 'informative' annex is only for information and guidance.

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INTRODUCTION

Correct sampling is an operation that requires most careful attention. Emphasis cannot therefore be too strongly laid on the necessity of obtaining a properly representative sample.

The procedures described in this International Standard are recognized as good practice to be followed whenever practicable. However, it is impossible to lay down fixed rules to be followed in every case, and, even if explicit, they cannot fully take the place of judgement, skill and experience. In particular, unforeseen circumstances may render some modifications desirable. Whenever special requirements are given for the sampling and/or arise from a specific analysis to be performed, these requirements should be followed.

The samples obtained by the methods described in this International Standard are "laboratory samples" as defined in ISO 78-2.

AUSTRALIAN STANDARD

Milk and milk products — Guidance on sampling

1 SCOPE

This International Standard gives guidance on methods of sampling milk and milk products for microbiological, chemical, physical and sensory analysis except for sampling of ex-farm milk from individual animals and sampling of milk within quality payment schemes [1]. It is not applicable to the selection of a number of units from a consignment, nor does it apply to subsequent operations in the laboratory.

NOTE - The number of units to be selected for sampling by inspection by attributes may be determined according to ISO 5538:1987 [2]. Sampling for inspection by variables may be determined according to ISO 8197:1988 [3].

2 NORMATIVE REFERENCES

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreement based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below.

Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 78-2:—¹⁾, *Chemistry — Layouts for standards — Part 2: Methods of chemical analysis.*

ISO 7002:1986, *Agricultural food products — Layout for a standard method of sampling from a lot.*

3 DEFINITIONS

For the purposes of this International Standard, the definitions given in ISO 7002 and the following definition apply.

3.1 laboratory sample: Sample as prepared for sending to the laboratory and intended for inspection or testing.

4 GENERAL ARRANGEMENTS

The following instructions are not necessarily applicable for routine sampling.

The parties concerned or their representatives shall be given the opportunity to be present when sampling is performed.

Whenever special requirements are given for the sampling and/or arise from a specific analysis to be performed, these requirements shall be followed.

1) To be published. (Revision of ISO 78-2:1982)