

STANDARDS AUSTRALIA

RECONFIRMATION

OF

AS 2300.10.4—1991

Methods of chemical and physical testing for dairying industry

Method 10.4: Caseins, caseinates and coprecipitates—Determination of filterable material

RECONFIRMATION NOTICE

Technical Committee FT-024 has reviewed the content of this publication and in accordance with Standards Australia procedures for reconfirmation, it has been determined that the publication is still valid and does not require change.

Certain documents referenced in the publication may have been amended since the original date of publication. Users are advised to ensure that they are using the latest versions of such documents as appropriate, unless advised otherwise in this Reconfirmation Notice.

Approved for reconfirmation in accordance with Standards Australia procedures for reconfirmation on 22 November 2016.

The following are represented on Technical Committee FT-024:

Australian Chamber of Commerce and Industry
Australian Institute of Food Science and Technology
Meat and Livestock Australia
National Association of Testing Authorities Australia
National Measurement Institute

NOTES

Australian Standard®

Methods of chemical and physical testing for the dairying industry

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PREFACE

This Standard was prepared by the Standards Australia Committee on Chemical Analysis of Dairy Products to supersede corresponding methods given in AS N60—1970, *Methods for the sampling and analysis of acid and rennet casein*. The methods are based on International Standard ISO 5739, *Caseins and caseinates—Determination of scorched particles content*.

METHOD

1 SCOPE This Standard sets out two procedures for determining the quantity (by means of visual classification) and the nature of filterable material in caseins and caseinates.

2 REFERENCED DOCUMENTS The following documents are referred to in this Standard:

AS

1152 Test sieves

2300 Methods of chemical and physical testing for the dairying industry

2300.1.7 General methods and principles—Determination of extraneous matter in dairy products

2300.10.1 Caseins, caseinates and coprecipitates—General information and preparation of samples

2300.10.4 Caseins, caseinates and coprecipitates—Determination of filterable material—Photographic reference standards

NOTE: AS 2300.10.4 Supp 1 is the same as the superseded photographic sediment standard AS N60S.

ISO

5739 Caseins and caseinates—Determination of scorched particles content

3 DEFINITION For the purpose of this Standard, the definition below applies.

Filterable material—the amount of residue, per 25 g or per 10 g of sample, that is insoluble in a solution of sodium carbonate or sodium polyphosphate or disodium 1,2 diaminoethane-*N,N,N',N'*-tetraacetate dihydrate (disodium EDTA) or sodium hydroxide, as determined and classified by the procedure described in this Standard.

4 PRINCIPLE A test portion is dissolved in a hot solution of sodium carbonate or sodium polyphosphate or disodium EDTA, or, if necessary, in a solution of sodium hydroxide at room temperature or 60°C. The solution is filtered through a filter disc which is dried and compared with standard test prints to determine the quantity and type of filterable material.