

STANDARDS AUSTRALIA

RECONFIRMATION

OF

AS 2300.4.5—1994

**Methods of chemical and physical testing for the dairying industry
Method 4.5: Dried milk and dried milk products—Determination of scorched
particles and extraneous matter**

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 10 October 2019.

The following are represented on Technical Committee FT-024:

Australian Institute of Food Science and Technology
Consumers Federation of Australia
CSIRO
Meat and Livestock Australia
National Association of Testing Authorities Australia
National Measurement Institute
NSW Food Authority
Royal Australian Chemical Institute

NOTES

Methods of chemical and physical testing for the dairying industry

Method 4.5: Dried milk and dried milk products—Determination of scorched particles and extraneous matter

PREFACE

This Standard was prepared by the Standards Australia Committee on Chemical Analysis of Dairy Products to supersede a corresponding method given in AS 1629—1974, *Methods for the analysis of dried milk and whey*. In the preparation of this Standard, account has been taken of ISO 5739, *Caseins and caseinates—Determination of scorched particles content*.

METHOD

1 SCOPE This Standard sets out a method for determining the scorched particles content and the presence of extraneous matter in dried milks, dried buttermilk and dried whey.

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

AS

2300 Methods of chemical and physical testing for the dairying industry

2300.4.1 Method 4.1: Dried milk and dried milk products—General information and preparation of samples

ISO

5739 Caseins and caseinates—Determination of scorched particles content

3 DEFINITIONS For the purpose of this Standard, the definitions below apply.

3.1 Scorched particles content—the amount of coloured residue in a weighed sample of product, which is insoluble in water or in hot solutions of sodium citrate or sodium hexametaphosphate, as determined and classified by the procedure described in this Standard.

3.2 Extraneous matter—foreign matter such as dust, hairs, metal, wood and insect parts detected by the procedure described in this Standard.

4 PRINCIPLE A test portion of the dried product is dissolved in water or, for spray-dried whey that is difficult to filter when water is used, in a hot solution of sodium citrate or sodium hexametaphosphate. The solution is filtered through a filter disc and the dried disc is compared visually with scorched particle standard discs. The test disc is also examined for extraneous matter.