

**SRI LANKA STANDARD 735: PART 7 /Section 4: 2017**  
**(ISO 8968-4: 2016)**  
**UDC 637.1/3: 543.71**

**METHODS OF TEST FOR  
MILK AND MILK PRODUCTS  
PART 7: DETERMINATION OF PROTEIN  
SECTION 4: MILK - DETERMINATION OF  
PROTEIN AND NON-PROTEIN NITROGEN  
CONTENT AND TRUE PROTEIN CONTENT  
CALCULATION (REFERENCE METHOD)  
(SECOND REVISION)**

**SRI LANKA STANDARDS INSTITUTION**

**Sri Lanka Standard**  
**METHODS OF TEST FOR MILK AND MILK PRODUCTS**  
**PART 7: DETERMINATION OF PROTEIN**  
**Section 4: Milk - Determination of protein and non-protein nitrogen content and true protein**  
**content calculation (Reference Method)**  
*(Second Revision)*

**SLS 735: Part 7: Section 4: 2017**  
**(ISO 8968 - 4: 2016)**

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## **METHODS OF TEST FOR MILK AND MILK PRODUCTS**

### **PART 7: DETERMINATION OF PROTEIN**

#### **Section 4: Milk - Determination of protein and non-protein nitrogen content and true protein content calculation (Reference Method)**

*(Second Revision)*

### **NATIONAL FOREWORD**

This Sri Lanka Standard was approved by the Sectoral Committee on Food Products and was authorized for adoption and publication as a Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on 2017-07-21.

This Sri Lanka Standard was first published in 1989 as an adoption of ISO 8968-4 and subsequently revised in 2012. This Standard prescribes the general methods for determining whether the material conforms to the requirements of the relevant individual Standards and thus form a necessary adjunct to series of Sri Lanka Standard Specification for milk and milk products. However, keeping in view the experience gained during the years and various International Standards brought out by the International Organization for Standardization (ISO) on the subject of testing of milk and milk product, it was decided to revise it with a view to updating the existing methods of test.

In order to accommodate large number of test methods within the scope of the Standard, this Standard is published in several parts.

Part 7 of the standard consists of several sections.

Section 4 of this part of the Standard is identical with **ISO 8968- 4: 2016 (IDF 20-4:2016)** Milk – Determination of protein and non-protein nitrogen content and true protein calculation.(Reference method) published by the International Organization for Standardization (ISO) and International Dairy Federation (IDF).

### **TERMINOLOGY AND CONVENTIONS**

The text of the International Standard has been accepted as a suitable for publication, without deviation, as a Sri Lanka Standard. However, certain terminology and conventions are not identical with those used in Sri Lanka Standard. Attention is therefore drawn to the following:

- a) Wherever the words “International Standard” appear referring to this Standard, this should be interpreted as “Sri Lanka Standard”.
- b) The comma has been used throughout as a decimal marker. In Sri Lanka Standards, it is the current practice to use the full point at the base line as the decimal marker.
- c) Wherever page numbers are quoted, they are ISO page numbers.

## **Cross References**

### **International Standard**

ISO 8968-1 (IDF 20-1) Milk and milk products – Determination of nitrogen content – Part 1: Kjeldahl principle and crude protein calculation

### **Corresponding Sri Lanka Standard**

SLS 735: Part 7: Section 1, Methods of test for milk and milk products – Determination of nitrogen content – Kjeldahl method

**INTERNATIONAL  
STANDARD**

**ISO  
8968-4**

**IDF  
20-4**

Second edition  
2016-04-01

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**Milk and milk products —  
Determination of nitrogen content —**

**Part 4:  
Determination of protein and  
non-protein nitrogen content and  
true protein content calculation  
(Reference method)**

*Lait et produits laitiers — Détermination de la teneur en azote —*

*Partie 4: Détermination de la teneur en azote protéique et non  
protéique et calcul de la teneur en protéines vraies (Méthode de  
référence)*



Reference numbers  
ISO 8968-4:2016(E)  
IDF 20-4:2016(E)

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