

(PREVIEW)

IS : 7219 – 1973

*Indian Standard*

**METHOD FOR DETERMINATION OF  
PROTEIN IN FOODS AND FEEDS**

**1. SCOPE**

**1.1** This standard prescribes Kjeldahl method for the determination of total nitrogen content and specifies the factors used in converting nitrogen to protein for various foods and feeds.

**FOREWORD**

**0.1** This Indian Standard was adopted by the Indian Standards Institution on 26 November 1973, after the draft finalized by the Food Hygiene, Sampling and Analysis Sectional Committee had been approved by the Agricultural and Food Products Division Council.

**0.2** Protein is estimated by multiplying total nitrogen content with an appropriate conversion factor. The conversion factor for calculating total protein from nitrogen is generally taken to be 6.25. This factor is in fact a statistically determined average on the assumption that all proteins contain 16 percent nitrogen. The actual conversion factors for most of the foods and feeds have been worked out. For instance the conversion factor for milk is 6.38, for wheat and wheat products 5.70, for whole egg powder 6.68, etc. A comprehensive list of conversion factors is given in Table 1.