

## APPENDIX III

**NITROGEN TO PROTEIN CONVERSION FACTORS FOR  
COMMODITIES APPROVED BY COMMODITY COMMITTEES****(For approval by CAC48 for inclusion as an Annex in CXS 234-1999)****Animal Protein Source**

Milk and milk products - 6.38

Meat and meat products - 6.25

**Infant formula** - The calculation of the protein content of infant formulas prepared ready for consumption should be based on  $N \times 6.25$ , unless a scientific justification is provided for the use of a different conversion factor for a particular product. The value of 6.38 is generally established as a specific factor appropriate for conversion of nitrogen to protein in other milk products, and the value of 5.71 as a specific factor for conversion of nitrogen to protein in other soy products.

**Follow-up formula for older infants and product for young children** - The calculation of the protein content of the final product ready for consumption should be based on  $N \times 6.25$ , unless a scientific justification is provided for the use of a different conversion factor for a particular product. The protein levels set in this standard are based on a nitrogen conversion factor of 6.25. For information the value of 6.38 is used as a specific factor appropriate for conversion of nitrogen to protein in other Codex standards for milk products.

**Fish and fishery products**

Crackers from marine and freshwater fish, crustaceans and molluscan shellfish - 6.25

**Plant Protein Source**

Wheat, wheat protein products - 5.71

Maize - 6.25

Quinoa - 6.25

Sorghum - 6.25

Millet (grains and flour) - 5.71

Gochujang - 6.25

Soya and non-fermented soybean products - 5.71

Tempe - 5.71

Natto - 5.71

Cheonggukjang - 5.71

Vegetable protein Products (VPP): Products produced by separation from wheat and soya grains and flours of certain non-protein constituents (starch, other carbohydrates) - 6.25

Soy protein products - 6.25

In accordance with the *Guidelines on nutrition labelling* (CXG 2-1985), the calculation of protein for nutrient declaration purposes should be based on a conversion factor of 6.25, unless a different factor is specified in the present annex.