

IS 1806 : 2018, Malted Milk Foods — Specification

Malted milk foods are obtained by mixing milk or milk powder with the wort from a mash of ground barley malt or any other malted cereal grain and wheat flour or any other cereal flour or malt extract. Malted milk foods are manufactured in the form of powder or granules and are used as beverages. These products are often consumed as a nutritious food, particularly for infants, children, and elderly individuals.

There may be an addition of flavouring agents and spices, emulsifying agents, eggs, protein isolates, edible common salt, sodium or potassium bicarbonate, minerals and vitamins and without added sugar so that the complete hydrolysis of starchy material is ensured. Then they are dried by various means like roller drying, spray drying, and vacuum drying, etc, and converted into a powder or granule or flake form.

Malted milk foods are of two distinct types; namely, malted milk foods not containing cocoa powder and malted milk foods containing cocoa powder.

The material falls under two types:

- a) Type I- Malted milk foods without cocoa powder; and
- b) Type II- Malted milk foods with cocoa powder.

The standard covers the various chemical and microbiological requirements which need to be complied with by the manufacturers. The hygienic conditions while manufacturing and packing have also been referred to along with the packing requirements.

Necessary consideration has also been given to the relevant rules prescribed by the Government of India under the Food Safety and Standards Act, 2006 and Rules framed thereunder and the Legal Metrology (Packaged Commodities) Rules, 2011.

IS 1806: 2018 ensures that malted milk foods are nutritious, safe, and of consistent quality. By following this standard, manufacturers can produce products that meet the nutritional needs of consumers while adhering to safety and hygiene requirements.