



## IS 1166:2022

### Sweetened Condensed Milk, Sweetened Condensed Partly Skimmed Milk, Sweetened Condensed Skimmed Milk and Sweetened Condensed High Fat Milk — Specification

**Sweetened Condensed Milk** is manufactured by removing water from milk, adjusting milk solids, and adding **sugar**, which acts as a **preservative**. In addition to their wide use by individual consumers in the place of fluid milk, these products are also used in the preparation of **bakery products, confectionery, ice cream** and other food products. The Indian Standard **IS 1166:2022** categorizes **condensed milk** products into four types based on fat content including the **partly skimmed, skimmed, and high-fat** varieties also and establishes minimum thresholds for fat and protein content.

Being a **dairy** product, the product is prone to quick **quality degradation** in case of improper **processing** and **packaging**. The standard specifies requirements for compliance to ensure that the product maintains the expected **quality** parameters of **freshness, consistency, nutrition and safety**. Key quality requirements include a **pleasant taste**, whitish to light brown **colour**, and freedom from undesirable **odours** also laying down requirements for ingredients like sugar and water. **Chemical safety** limits are aligned with India's Food Safety and Standards Regulations, ensuring products are free from harmful contaminants, including pesticides, antibiotics, melamine, aflatoxin and heavy metals. Specific **microbiological** limits are set for **aerobic plate count, coliforms, yeast, mould, and pathogens** like *Salmonella* and *Listeria*. The standard also incorporates an **accelerated storage test** to determine the **shelf life** of the product.

The standard also covers **packaging** and **labelling** requirements, mandating **sealed containers** that prevent spoilage and include details such as product name, manufacturing date, and best-before date. To verify compliance, the standard prescribes methods for testing product attributes and a sampling plan to ensure quality consistency across batches

This third revision harmonizes the specifications with the Food Safety and Standards (Food Products Standards and Food Additives) Regulations, 2011 and Codex Standard for Condensed milk (CODEX STAN 282-1971).

IS 1166:2022 ensures that sweetened condensed milk products meet high standards of safety, composition, and quality, supporting **consumer health** and **industry consistency**.