

Fruit Juice Factory. How to Manufacture Fruit Juice. Aseptic Packaging and Processing of Fruit Juice

Description:

Fruit juice is 100% pure juice made from the flesh of fresh fruit or from whole fruit, depending on the type used. It is not permitted to add sugars, sweeteners, preservatives, flavourings or colourings to fruit juice.

Nowadays, with the benefit of ultra-high temperature (UHT) pasteurization, aseptic packaging techniques and systems, pressed juices can be stored for extended periods with very little deterioration in quality. Previously, reliance had to be placed upon the use of preservatives and 'classical' pasteurization at lower temperatures (70°C+) and longer holding times.

Aseptic packaging can be defined as the filling of a commercially sterile product into a sterile container under aseptic conditions and hermetically sealing the containers so that reinfection is prevented. This results in a product, which is shelf-stable at ambient conditions. The term "aseptic" is derived from the Greek word "septicos" which means the absence of putrefactive micro-organisms.

Market Outlook

India's packaged juice market has charted a high growth trajectory, thanks to its easy availability, anytime-anywhere consumption, and convenience.

The fruit juice industry has made good progress in India. The Indian market for fruit juices has reported an annual growth of 25-30%.

The packaged fruit juice is one of the fastest growing products. It has grown at a CAGR of over 30% over the past decade. At present, the Indian packaged juices market is valued at Rs 1100 crore and is projected to grow at a CAGR of 15% over the next three years. The rising number of health-conscious urban consumers is giving a boost to fruit juices. Juices are healthy only when prepared hygienically. So the hygiene conscious people are only buying packaged fruit juices for the companies that have trusted brand value in the market.

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