

Fermented Foods and Chemicals (Fermentation of Distillers Yeast, Brewers Yeast, Wine Yeasts, Bakers Yeast, Lactic Acid, Citric Acid, Actinomycete Protease, Bacterial Extracellular Enzymes, Bread, Vegetables)

Description:

Fermentation in food processing is the process of converting carbohydrates to alcohol or organic acids using microorganisms—yeasts or bacteria—under anaerobic conditions. Fermentation usually implies that the action of microorganisms is desired. The term fermentation sometimes refers specifically to the chemical conversion of sugars into ethanol, producing alcoholic drinks such as wine, beer, and cider. Fermented foods have a specific role to play in health and disease. Fermentation should be used wisely as a treatment that enhances nutritive value and taste of food along with formation of lactic acid which feeds and nourishes the friendly gut bacteria producing the much valued probiotic effect.

Fermentation chemicals are used as process initiators in several applications. Fermentation chemicals help in speeding the process reactions and saves time, energy and process cost. Fermentation chemicals are widely used in industries across the globe, owing to their natural structure, low cost and better outputs. The major product class of fermentation chemicals consists of alcohols, enzymes and organic acids. Fermentation chemicals are utilized in variety of applications in a wide range of chemical processes in industries such as alcohol industry, pharmaceutical industry, food and beverages industry, chemical industry, textile industry and rubber industry among others.

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Keywords: Actinomycete Protease Fermentation, Bacterial Extracellular Enzymes Fermentation, Bakers Yeast Fermentation, Book on fermentation technology, Book on Fermented Chemicals, Book on Fermented Foods, Bread Fermentation, Brewers Yeast Fermentation, Business guidance for chemicals fermentation, Business guidance for food fermentation, Business ideas for Fermented foods, Chemicals fermentation Business, Citric Acid Fermentation, Distillers Yeast Fermentation, Fermentation as a Method of Food Processing

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