

ABSTRACT

Catalase is an important enzyme which finds application in textile industry. Catalase is also used as a germicide for example in the food industry for disposing of hydrogen peroxide used in pasteurizing milk prior to cheese making. The basic function of catalase is the conversion of the hydrogen peroxide into the harmless product i.e. water and oxygen. Catalase is an enzyme that has highest turnover number for all known enzymes. Catalase is a heme containing protein. Catalase may also take part in some of the many oxidative reactions that occur in all cells. In the absence of catalase these reactions occur spontaneously, but very slowly. Catalase speeds up the reactions rate to thousand folds.