

Bromelain Enzyme Production from Pineapple Stems

Description:

Bromelain Enzyme Production from Pineapple Stems. Bromelain Extraction from Pineapple Fruit

Bromelain is a mixture of enzymes derived from pineapple. Its effects are mainly a product of its proteolytic activity, which stimulates fibrinolysis by increasing plasmin, but bromelain also has been shown to prevent kinin production and to inhibit platelet aggregation. Because its mechanism of action is generally antiinflammatory, rather than specific to a particular disease process, bromelain is used to treat a variety of pain and inflammatory conditions.

Derived from the pineapple plant, the bromelain enzyme finds various applications across different end-use industries. At the industrial level, bromelain is used to digest proteins. The proteolytic nature of bromelain finds application in the F&B industry where bromelain is largely used as a meat tenderizer. With added benefits such as anti-inflammation and immunity boosting properties, bromelain is being increasingly used in dietary supplements. Bromelain also finds application as a viable solution to several energy and resource consuming processes in industries such as leather and paper processing.

This digestive enzyme is extracted from pineapple fruit & stem and is used in numerous industries including healthcare, meat & seafood, dietary supplements, cosmetics, bakery and beverage. Globally, meat & seafood industry is found to be the largest end user industry for this market where its main application is to improve tenderness of meat & seafood.

For more details download PDF file.

Keywords: #Bromelain_Enzyme_from_Pineapple_Stems, #Extraction_of_Bromelain_from_Pineapple, #Bromelain, #Bromelain_Enzyme_from_Pineapple, #Stem_Bromelain_Enzyme, Bromelain from Pineapple Stem, #Bromelain_Enzyme_Extraction_from_Pineapple, Bromelain Production in India, Bromelain Production, Bromelain Enzyme Pdf, Application of Bromelain, #Bromelain_Production_Process, How to Get Bromelain from a Pineapple, #Bromelain_Production_Business, Bromelain Content of Extract from Stem of Pineapple, Bromelain Product

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